Amendments to the Specification:

Please replace paragraph one (lines 1-7) on page 3 with the following amended paragraph:

In a Lamport's hash algorithm, a password that will be used next is determined by inquiring a[[n]] numerical value n that indicates how far the password was consumed and the service system side ought to store this n and only the corresponding hash value. However, there are the following two problems to apply this one-time password to the business system and the commercial service system.

Please replace the second to the last paragraph (lines 14-22) on page 3 with the following amended paragraph:

FIG. 1 shows a general drawing of a processing method according to one example of the present invention. In an enterprise, there are a business system 1 and a client 3 (terminal or computer) that a user uses. The user logs in the business system 1. Further, the user also uses a service system that exists in an external commercial service site. A commercial service system has accounting information 41 for every user to manage the user. The case where multiple users share and use this accounting information 41 is considered.